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Rolling boot with large radius of curvature

Abstract

A rolling boot 10 for sealing two rotational parts 21, 22 which rotate together, which can be articulated relative to one another and/or which are axially displaceable relative to one another, which rolling boot 10 has a longitudinal and symmetry axis A, and which rolling boot 10 comprises the following:

a first collar 11 with a smaller diameter for being secured on a first rotational part 11 with a smaller diameter,
a second collar 12 with a larger diameter for being secured on a second rotational part 12 with a larger diameter, and
an annular wall 13 whose diameter widens from the smaller first collar 11 to the larger second collar 12, wherein the annular wall 13, in the condition of being produced, at the unclamped-in rolling boot, in half a longitudinal section, extends in an S-shaped way with an inner curvature next to the smaller first collar 11 and with an outer curvature next to the larger second collar 12.

Figure 1a